MATH 382 Computational Complex Analysis Spring 2022

Instructor: Frank Jones HBH 448 fjones@rice.edu

Appointments: send me an email message to ask questions or schedule a Zoom session.

Course objectives: To learn basic complex analysis including computational techniques by hand and proofs of the basic theorems. To develop an appreciation for the utter beauty and usability of the subject.

Required text: my PDF book *Computational Complex Analysis*.

Due Dates:
Homework and exams will be associated to these dates during the semester. Specifics will be determined during the semester by me.

Monday January 24
Monday January 31
Monday February 7
Monday February 14
Monday February 21
Monday February 28
Monday March 7
Monday March 28
Monday April 4
Monday April 11
Monday April 18

For homework, you may work together, no Rice Honor Code pledge required.

For exams, your work must be your own, pledge required.

No final exam.

Grading: four grades will be used: cumulative HW grade + 3 Exam grades. These will be weighted equally, but with special attention placed on the later Exam grades.

Lectures: online for at least the first two weeks. Lectures will be recorded and available on Canvas.